# PUBLIC WORKS

# PUBLIC WORKS & HOUSING

## ***IMA Public Works Branch***

## MISSION

Provide day to day execution, oversight, and management of PW & Engineer functions to include SRM of Real Property Facilities, Energy/Utilities, Master Planning, Engineer Business Operations, Army Family Housing (incl RCI), UPH, MCA, and Fire and Emergency Services.

## PEOPLE & FUNCTIONS

Don LaRocque - Chief (703-604-2682/602-5486)
William Sugg - Bus Ops, Eng Tng, SRM (703-602-6412)
Barry Bartley – MCA, UPH, 1391 documents (703-602-3389)
Connie Lofti – AFH (PCS'ng from EURO. Starts in Jan.)
Bob Henson – AFH (703-602-5241)
Muthu Kumar & Paul Volkman - Energy/utilities (703-602-2682)
John Peasley - Master Plng/RP, Demolitions, RPLANS, IDS (703-602-448
Dale Means - F&ES, EUL (703-602-3390)
Bob McKeever - Natn'l Museum (703-602-4227)

## CURRENT ISSUES/INITIATIVES

- Master Planning – IDS, ASIP & RPLANS cleanup, charrettes, NETCALL, RPMP & IPB, Enhanced Use Leasing.
- SRM – FY04 1-N project list, Project Prioritization System, Demolitions, Bridge/Dam/Railroad inspections.
- AFH – FY04 AFHO distribution, FY08 goal for quality housing, RCI integration.
- Energy – ESPC-FY04 continuing legislation, Gas Risk Management, Central Energy System modernization, Utility Modernization, Utility Privatization.
- MilCon – MCA list update, Future Development Plans, IMA project prioritization, Mission/BASOPS proponency, 1-1 demo criteria, OMA & OPA tails.
- DPW Workshop, DPW Awards, DPW Digest, ACP (OMA & MCA const)

# Master Plans

***PURPOSE:*** **Develop Installation Master Plans that enable and support sustainability and transformation of Army Installations**

***METRICS:***

- **Degree of compliance with Installation Design Standard (IDS)**
- **Quality of MP Components/site**
  - **Real Property Inventory – must get to CFOA* compliance. BRAC update 30 Sept**
  - **Army Stationing Installation Plan (ASIP) – GC BRAC certified Sept 03**
  - **Facility Requirements (RPLANS) – Defines excesses/deficits. BRAC update due Nov 03**
  - **Future Development Plans – Due Dec 03 with project sitings.**
  - **Land Use Maps – zoning and visual themes (See backup slides)**
  - **Installation Design Standards/Guides (IDS/IDG)**
  - **Capital Investment Strategy – Project Prioritization System (PPS)**
  - **Master Plan Digest (executive summary)**

* Chief Financial Officer Act

- **$ Investment in Components**

# Master Plans
## (continued)

***PURPOSE:*** **Develop Installation Master Plans that enable and support sustainability and transformation of Army Installations**

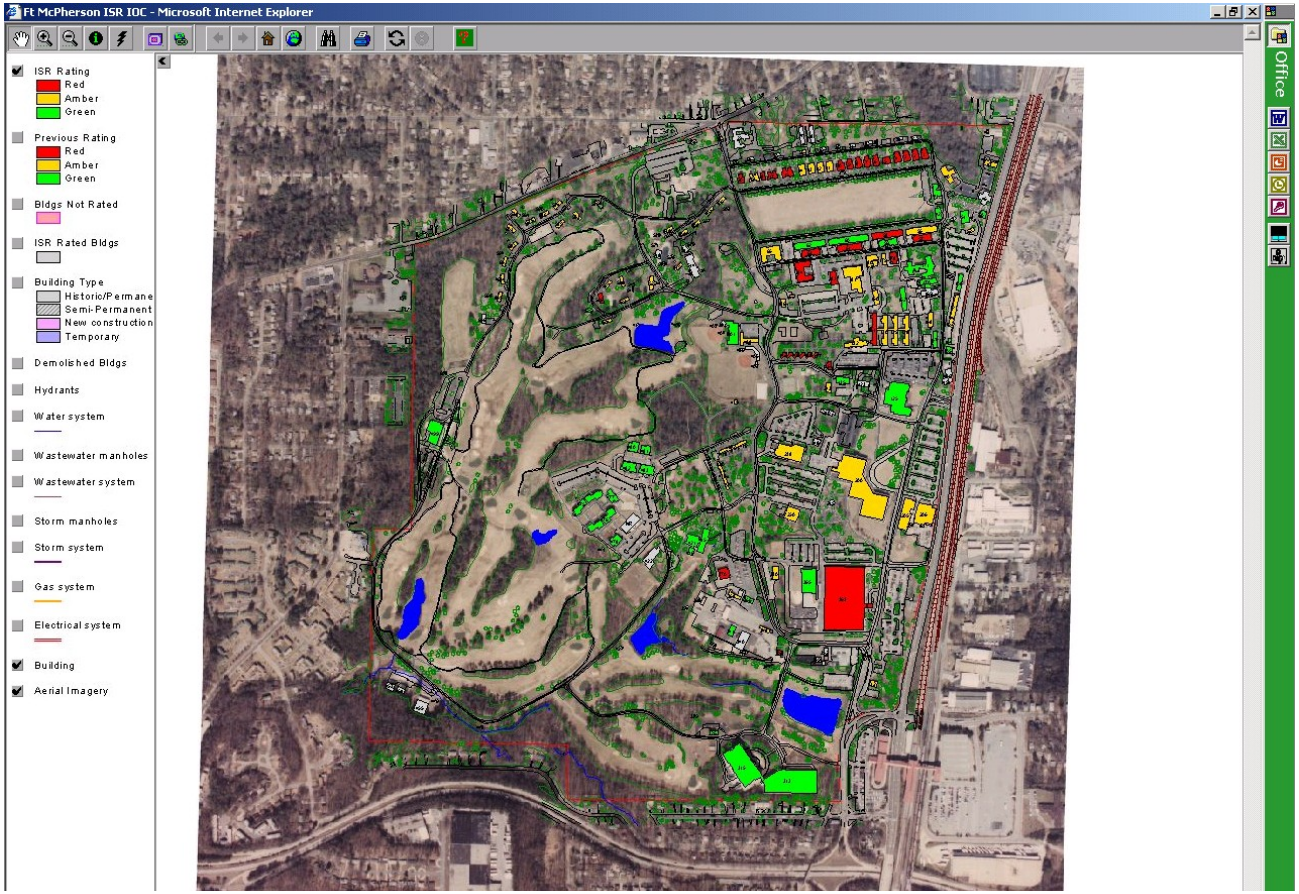
***ACCOMPLISHMENTS TO DATE:***

- **Apr 2003. Biloxi MILCON/MP Workshop—drew MISSION/BASOPS line**
- **June 2003. Master Planning NETCALL #10.**
- **Aug 2003. Roanoke Real Property Master Planning Workshop – MILCON PPS.**
- **Oct 2003. Data call for MCA priorities and Future Development Plans**

***NEXT STEPS (Action Plan):***

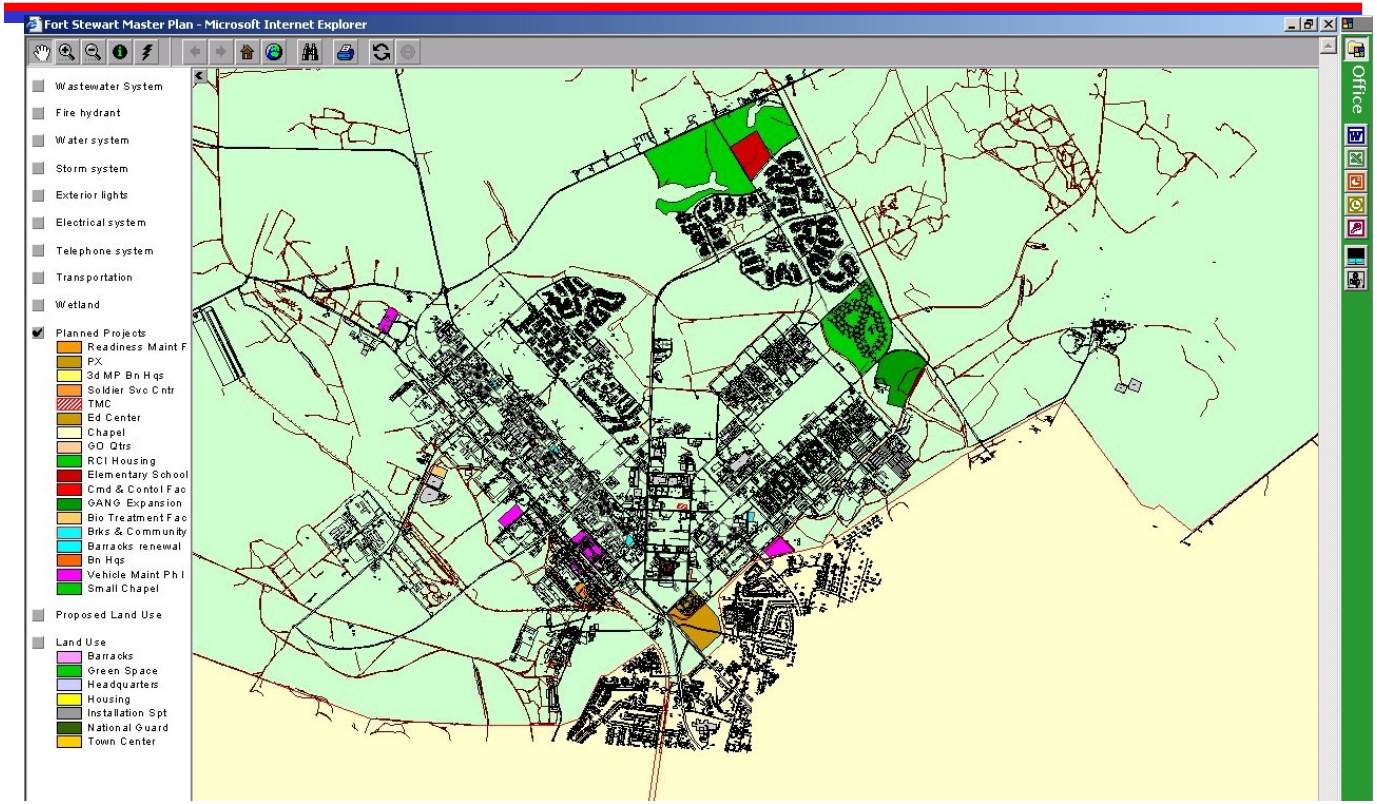
- **1st Qtr 04 RPLANS Requirements update – GC Certified requirements due Nov 03**
- **Oct 2003 Master Planning Workshop (USACE Host)**
- **Dec 2003 Installations submit MCA priorities and Future Development Plans**
- **2004 Mini Master Plans/IDGs for IET complexes**

# Installation Management Common Operating Picture



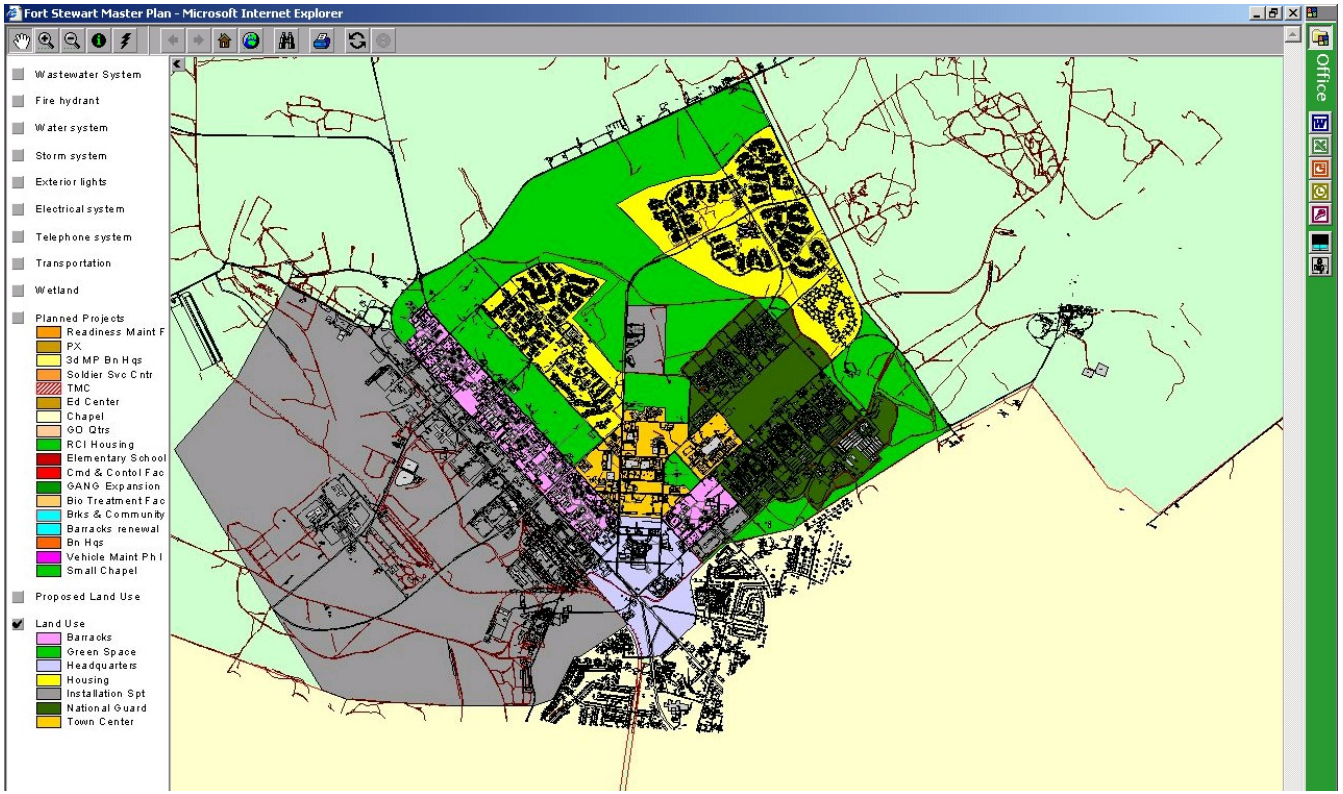

Ft McPherson ISR R/A/G – on web

# Installation Management Common Operating Picture




Future Development Plan – on web

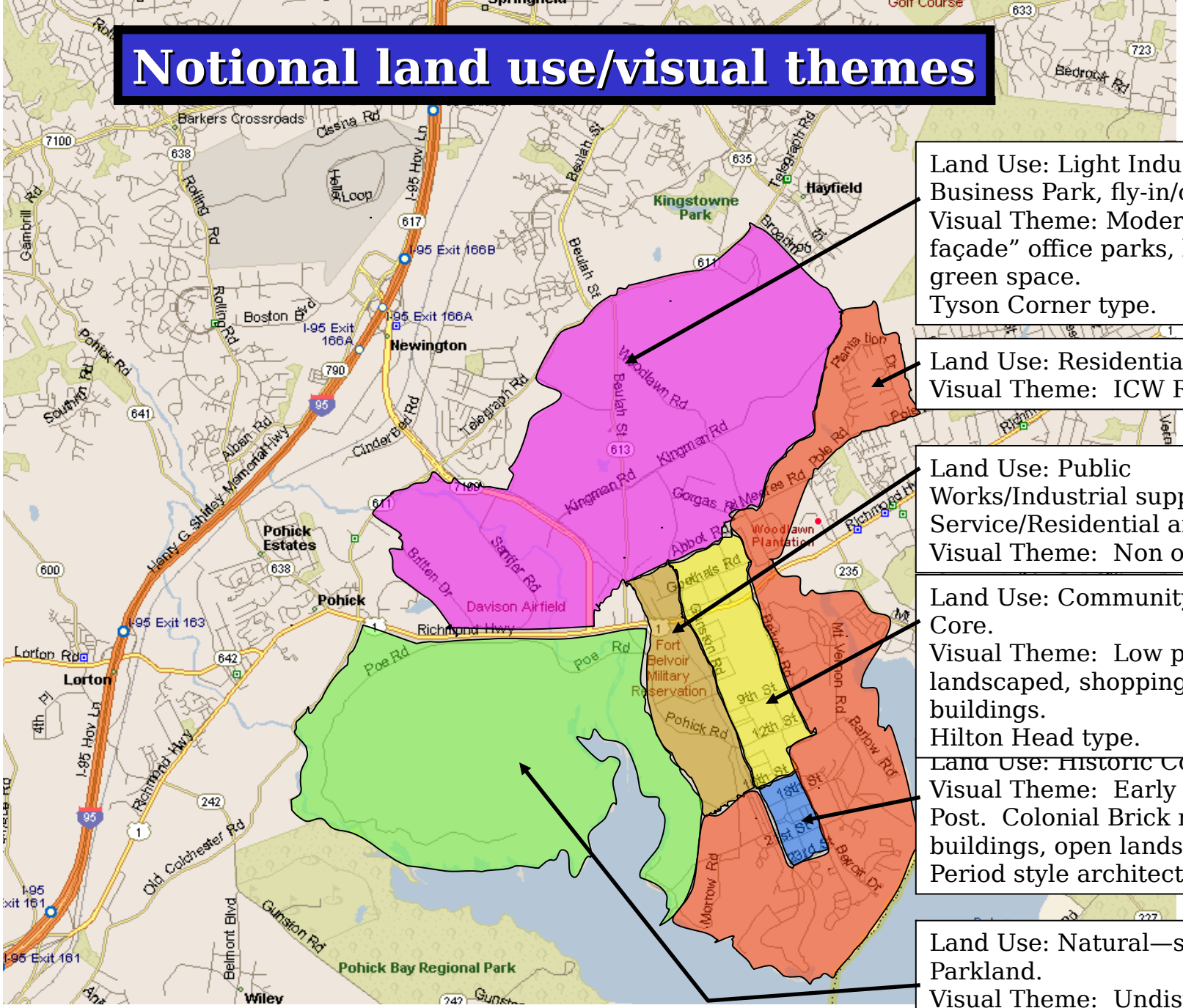
# Installation Management Common Operating Picture




Land Uses – on web

Mr.Don LaRocque/SFIM-OP/Donald.LaRocque@hqda.army.mil/703-602-0635

# Notional land use/visual themes




Land Use: Light Industrial, Business Park, fly-in/out.
Visual Theme: Modern “glass façade” office parks, landscaped green space.
Tyson Corner type.

Land Use: Residential.
Visual Theme: ICW RCI

Land Use: Public Works/Industrial support for Service/Residential areas.
Visual Theme: Non obtrusive.

Land Use: Community Service Core.
Visual Theme: Low profile, well landscaped, shopping/service buildings.
Hilton Head type.

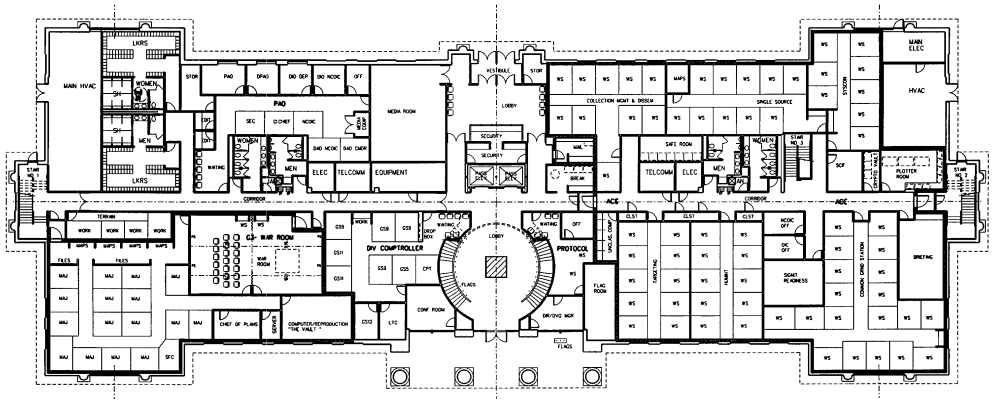
Land Use: Historic Core.
Visual Theme: Early Military Post. Colonial Brick military buildings, open landscaping.
Period style architecture.

Land Use: Natural—set aside. Parkland.
Visual Theme: Undisturbed land. (dudded former training lands)

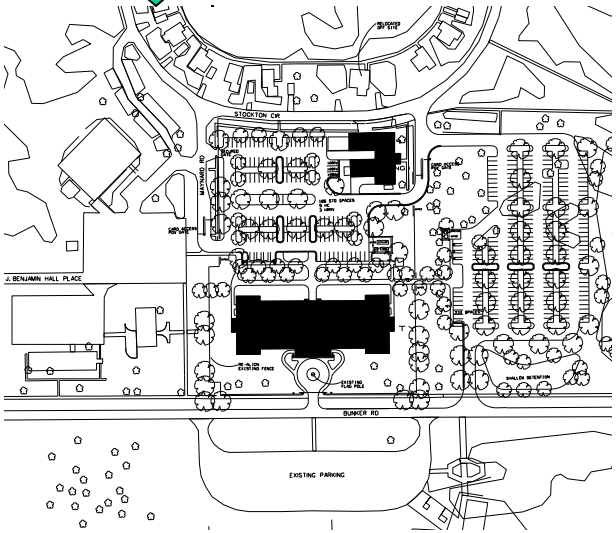
# Charrette Products—for high vis facilities

1. Exact space use needs. I.e definition of all occupants and all special space needs

2. Functional layout of the facility to meet the needs of the occupants



3. Well defined site adaptation of the facility.




4. CADD rendering of the facility.
*(Perhaps the most important pro[illegible])*

5. Updated and accurate 1391

# INSTALLATION DESIGN GUIDES

***FY03 GOAL:*** **Publish Installation Design Standards. Determine resources needed to implement IDS.**

***ACCOMPLISHMENTS TO DATE:***

- **IDS approved and published (22 APR 03).**
- **Installation Design Guide (IDG) POC for each Installation established (May 03).**
- **All existing IDGs assessed against the standard – completed 7 Oct 03.**
- **Estimated cost to implement IDGs:**

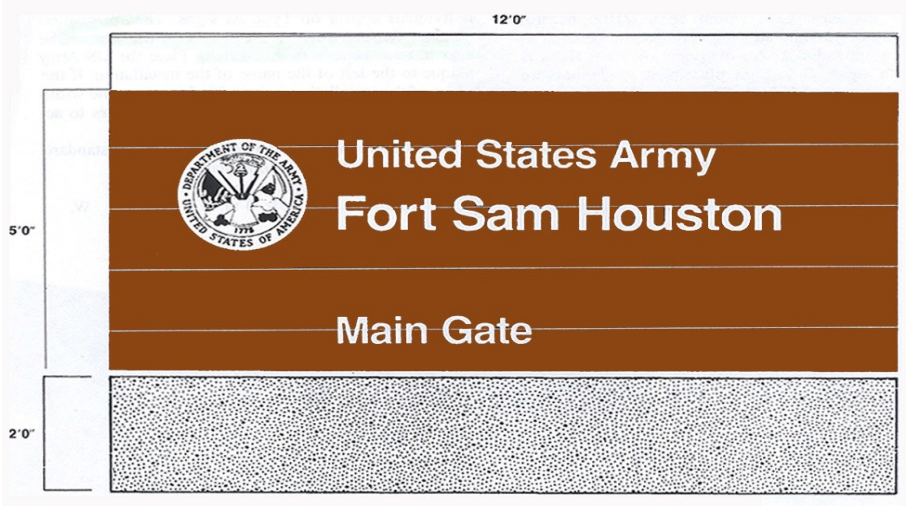
| Task | Cost $M | |
|---|---|---|
| Planning – Studies | 178.5 | |
| Site Improvements | 6,212.0 | |
| Building Construction & Improvements | | 39,889.0 |
| Circulation Improvements | | 8,653.6 |
| Landscaping | 376.4.0 | |
| Site Elements | | 3,433.6 |
| Signage & Misc | 439.7 | |
| Force Protection | 2,283.0 | |
| Total | 61,465.8 | |
| Annual Cost to Sustain Improvements | 3,043.2 | |
| Grand Total | 64,509.0 | |

***FY04 GOAL:*** **Prepare IDGs that comply with the IDS. Prioritize selected facility improvement projects for initial pursuit.**

# INSTALLATION DESIGN GUIDES

***NEXT STEPS:***

- **Data call for Entrance Gate signs**
- **Prioritize IDG elements to update first—i.e. Land Use and Area Themes**
- **Establish "Year of Emphasis" and identify specific installation features to bring into compliance:**
  - **Entry gate signs**
  - **Building addresses**
  - **Curbs & Sidewalks**
- **Develop POM resources needed to bring Installations into compliance**



# DEMOLITION & FACILITY REDUCTIONS

***FY03 GOAL:*** **Execute $73M in FRP funds and demolish 1,268 buildings and 4.64 Msf.**

***ACCOMPLISHMENTS:***

- **Executed $52M in FRP funds.**
- **Demolished 874 buildings and 3.288 Msf.**
- **Average cost was $16.19/sf.**
- **Developed building-by-building demolition list for 04-10 demolitions.**

***FY04 GOAL:***

- **Execute all FRP $ ($33M) and demolitions (2.5 Msf) using centralized contracts.**
- **Achieve a lower average cost/sf.**

***NEXT STEPS:***

- **Determine, and execute, optimal method to centrally contract.**

# Project Prioritization

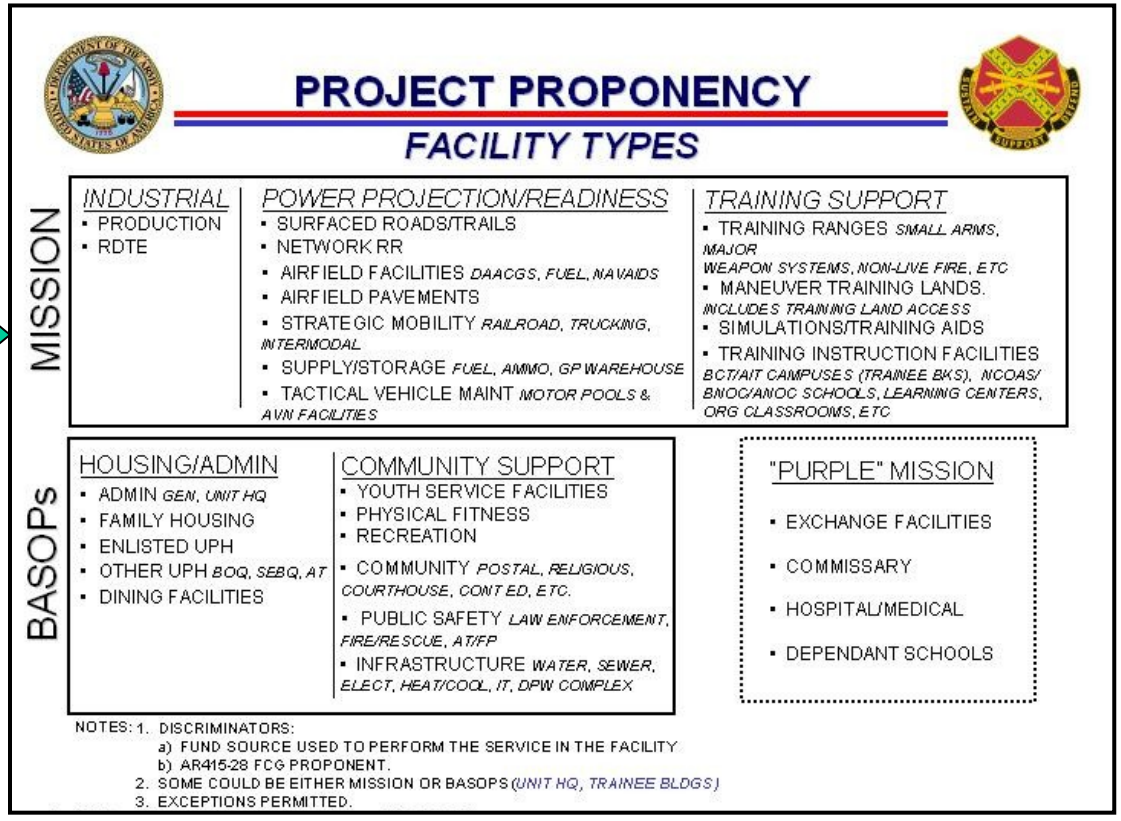
***PURPOSE:*** **Develop a project prioritization process for BASOPS SRM and MCA projects that is objective plus incorporates leader priorities.**

***"A Capital Investment Strategy "***

***ACCOMPLISHMENTS TO DATE:***

**April 2003. Biloxi Milcon & Master Planning Workshop:**

- **Determined proponency breakout to define which projects are MISSON and which are BASOPS.**
- **Developed draft prioritization criteria.**


PROJECT PROPONENCY
FACILITY TYPES
MISSION
INDUSTRIAL
• PRODUCTION
• RDTE
POWER PROJECTION/READINESS
• SURFACED ROADS/TRAILS
• NETWORK RR
• AIRFIELD FACILITIES DAACGS, FUEL, NAVAIDS
• AIRFIELD PAVEMENTS
• STRATEGIC MOBILITY RAILROAD, TRUCKING, INTERMODAL
• SUPPLY/STORAGE FUEL, AMMO, GP WAREHOUSE
• TACTICAL VEHICLE MAINT MOTOR POOLS & AVN FACILITIES
TRAINING SUPPORT
• TRAINING RANGES SMALL ARMS, MAJOR WEAPON SYSTEMS, NON-LIVE FIRE, ETC
• MANEUVER TRAINING LANDS. INCLUDES TRAINING LAND ACCESS
• SIMULATIONS/TRAINING AIDS
• TRAINING INSTRUCTION FACILITIES BCT/AIT CAMPUSES (TRAINEE BKS), NCOAS/ BNOC/ANOC SCHOOLS, LEARNING CENTERS, ORG CLASSROOMS, ETC
BASOPs
HOUSING/ADMIN
• ADMIN GEN, UNIT HQ
• FAMILY HOUSING
• ENLISTED UPH
• OTHER UPH BOQ, SEBQ, AT
• DINING FACILITIES
COMMUNITY SUPPORT
• YOUTH SERVICE FACILITIES
• PHYSICAL FITNESS
• RECREATION
• COMMUNITY POSTAL, RELIGIOUS, COURTHOUSE, CONT ED, ETC.
• PUBLIC SAFETY LAW ENFORCEMENT, FIRE/RESCUE, AT/FP
• INFRASTRUCTURE WATER, SEWER, ELECT, HEAT/COOL, IT, DPW COMPLEX
"PURPLE" MISSION
• EXCHANGE FACILITIES
• COMMISSARY
• HOSPITAL/MEDICAL
• DEPENDANT SCHOOLS
NOTES: 1. DISCRIMINATORS:
a) FUND SOURCE USED TO PERFORM THE SERVICE IN THE FACILITY
b) AR415-28 FCG PROPONENT.
2. SOME COULD BE EITHER MISSION OR BASOPS (UNIT HQ, TRAINEE BLDGS)
3. EXCEPTIONS PERMITTED.

# Project Prioritization

***PURPOSE:*** **Develop a project prioritization process for BASOPS SRM and MCA projects that is objective plus incorporates leader priorities.**

***A Capital Investment Strategy***

***ACCOMPLISHMENTS TO DATE: (continued)***

**Aug 2003. Roanoke Real Property and Master Planning Workshop**

- **Completed Prioritization model for BASOPS MCA projects: 50% Objective and 50% Leader Priorities**
  - **Objective = ISR (60%), Mission Impact (20%), Justification (20%)**
  - **Leader = Installation (33.3%), Region(33.3%), MACOM/IMA (33.3%)**
- **Obtained consensus on process to submit MCA lists: Installations send to Regions, Regions consolidate and send to IMA, IMA sorts and sends Mission list to MACOMS for them to prioritize and BASOPs list for them to provide input.**
- **Defined Proponency as it relates to MILCON: Advocacy for a project or a program. Project Proponent is the advocate who determines the requirement and defends the project. Program proponent is the advocate who prioritizes a set of projects.**

***MCA NEXT STEPS:*** **Test the prioritization model on the next MCA cycle—Dec/Jan.**

# Project Prioritization

***PURPOSE:*** **Develop a project prioritization process for BASOPS SRM and MCA projects that is objective plus incorporates leader priorities.**

***A Capital Investment Strategy***

***ACCOMPLISHMENTS TO DATE:***

**May-Aug 2003. Developed, fielded, Populated OMA Project Prioritization System (PPS)**

**Proof-of-principle test of integrating Objective Factors and Leader Priorities—incl MACOM input**

- **Prioritized 818 projects valued at $388,047,320**
- **7 Region #1 priorities and 56 Installation #1 priorities**
- **10 MACOMs provided priorities on 116 projects.**
- **Integrated and Prioritized list released on 29 Aug 03**

***Scoring Factors and Weights:***

***Objective (50%)***

| | |
|---|---|
| • Mission Impact | 40% |
| • Return on Investment | 10% |
| • ISR Rating | 15% |
| • Justification | 15% |
| • Investment Category | 15% |
| • Type | 5% |

***Manager Priorities (50%)***

- Installation Priority 33.3%
- Region Priority 33.3%
- Facility User Proponent Priority 33.3%

**Summary by Location & Leader priorities**

| Region | Description | # projects | $ value | Installation #1s | $ value of #1s |
|---|---|---|---|---|---|
| NERO | Northeast | 181 | $ 144,205,731 | 19 | $ 28,216,724 |
| PARO | Pacific | 107 | $ 29,786,913 | 3 | $ 546,661 |
| SERO | Southeast | 53 | $ 35,023,492 | 14 | $ 13,773,598 |
| SWRO | Southwest | 45 | $ 30,438,000 | 7 | $ 11,619,000 |
| NWRO | Northwest | 250 | $ 71,744,775 | 10 | $ 8,237,542 |
| KORO | Korea | 147 | $ 32,143,409 | 1 | $ 25,000 |
| EURO | Europe | 35 | $ 44,705,000 | 1 | $ 981,903 |
| | | 818 | $ 388,047,320 | 55 | $ 63,400,428 |

# Project Prioritization

***PURPOSE:*** **Develop a project prioritization process for BASOPS SRM and MCA projects that is objective plus incorporates leader priorities.**

***A Capital Investment Strategy***

***SRM NEXT STEPS:***

**Will do the following concurrently:**

**A. Revisit the model and obtain consensus on the factors and weights.**

**B. Convert the spreadsheet to Web-based dbase access**

**C. Refresh the list with:**

- **All BUP projects**
- **Projects that require DA approval**
- **1st cut of UFRs for FY04**
- **"Installation as Flagship" projects**
- **AT/FP projects**

# Contact Information

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